Subject: Minutes: DSS-13 Weekly Meeting 10-20-08

From: "Veruttipong, Watt" <watt.veruttipong@jpl.nasa.gov>

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To: "Veruttipong, Watt" <watt.veruttipong@jpl.nasa.gov>, "Teitelbaum, Lawrence" <lawrence.teitelbaum@jpl.nasa.gov>, "sgiroux@gdscc.nasa.gov" <sgiroux@gdscc.nasa.gov>, "Kuiper, Thomas B" <thomas.b.kuiper@jpl.nasa.gov>, "Naudet, Charles J" <charles.j.naudet@jpl.nasa.gov>, "l.skjerve@verizon.net" <l.skjerve@verizon.net>, "Bury, Gary W" <Gary.W.Bury@jpl.nasa.gov>, "Rees, Robert W" <Robert.W.Rees@jpl.nasa.gov>, "Dendrenos, Paul J" <Paul.J.Dendrenos@jpl.nasa.gov>, "Lake, Solomon" <Solomon.Lake@jpl.nasa.gov>, "Massey, Kim H" <Kim.H.Massey@jpl.nasa.gov>, "Haroldsson, Robert S" <rharoldsson@gdscc.nasa.gov>, "Gatti, Mark S" <mark.s.gatti@jpl.nasa.gov>, "Jongeling, Andre P" <andre.p.jongeling@jpl.nasa.gov>, "Kelley, Daniel T" <dkelley@gdscc.nasa.gov>

Minutes: DSS-13 Weekly Meeting on 10-20-08

DSS-13 Science/Engineering Activities:

Uplink Array Moon Bounce Experiment: Experiment utilized DSS24, 25, 26 as available to transmit 20KW to the moon; DSS13 recorded the echos off the moon on the RSR. DOY 286 started out shaky, but everything was fixed and accomplished. We obtained good tracks of Tycho Doppler delay images on DOY 286 and DOY 290.

GAVRT: DOY 290 A. Freiley measured the bandwidths of S-band and X-band systems in DSS-13 control room. The S-band bandwidth is 10.03 MHz and 21.90 MHz for X-band (expected values are 10.0 and 20.0 MHz).

Full Sky 4th Order Pointing Model: Had a meeting with D. Rochblatt on 10/20/08. The plan on bringing the IF from DSS-13 to ACME at SPC-10 is accepted. This plan requires minimum hardware procurement (only F.O. transceiver). David will provide support during the interface between DSS-13 IF and ACME at SPC-10. We are working on the procurement and generating the ECR/ECO for this activity.

DSS-13 Remote Operations: We are waiting for the confirmation from R. Dorcey for the demo of the monitor and control of DSS-13 video surveillance camera signal and weather data at SPC-10 terminal. The demo date is set for Thursday, 10/30.

Watt